

# UPDATE SEARCH

## EAST Search History

| Ref # | Hits | Search Query  | DBs                             | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---------------------------------|------------------|---------|------------------|
| L5    | 0    | ("5066906.pn.").PN.   | USPAT;<br>USOCR                 | OR               | OFF     | 2006/05/16 18:49 |
| L6    | 0    | ("5066906.pn.").PN.   | USPAT;<br>USOCR                 | OR               | OFF     | 2006/05/16 18:50 |
| L7    | 1    | "5066906".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2006/05/16 18:50 |
| L8    | 16   | ("3599047"   "3952249"  <br>"3998513"   "4034292"   "4202588"<br>  "4298839"   "4520423"  <br>"4542469"   "4556844"   "4673872"<br>  "4713610"   "4783623"  <br>"4791362"   "4792677"   "4867689"<br>  "4927368").PN.             | US-PGPUB;<br>USPAT;<br>USOCR    | OR               | ON      | 2006/05/16 18:50 |
| L9    | 13   | ("5066906").URPN.   | USPAT                           | OR               | ON      | 2006/05/16 18:53 |
| S2    | 1    | "20050063354"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/09/19 16:07 |
| S3    | 1    | "20030033360"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/09/19 16:07 |
| S4    | 2    | "20030105903"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/09/19 16:08 |
| S5    | 3    | "6742068"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2005/09/19 16:08 |
| S6    | 9    | ("20030117782"   "5460441"  <br>"6058011"   "6181552"   "6325636"<br>  "6350140"   "6411506"  <br>"6530628"   "6742068").PN.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR               | ON      | 2005/09/19 16:20 |
| S7    | 1    | "6654252"   | US-PGPUB;<br>USPAT;<br>USOCR    | OR               | ON      | 2005/09/19 16:23 |
| S8    | 17   | ("4728160"   "4754397"  <br>"5319754"   "5377333"   "5460441"<br>  "5499341"   "5544008"  <br>"5586270"   "5604662"   "5612854"<br>  "5684671"   "5708820"  <br>"5726866"   "5790374"   "5805903"<br>  "5938751"   "5978874").PN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR               | ON      | 2005/09/19 16:21 |

## EAST Search History

|     |    |   |                              |    |    |                  |
|-----|----|---|------------------------------|----|----|------------------|
| S9  | 15 | ("5486982"   "5793610"   "5971804"   "6078503"   "6088224"   "6115250"   "6157534"   "6297962"   "6300847"   "6325636"   "6437980"   "6483709"   "6487080"   "6560114"   "6583989").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/19 16:25 |
| S10 | 4  | "6583989"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/19 16:25 |
| S11 | 14 | ("20020124114"   "4985804"   "5652695"   "5659459"   "5828546"   "5999365"   "6061244"   "6247078"   "6272016"   "6424523"   "6501644"   "6556438"   "6583989"   "6614662").PN.         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/19 16:35 |
| S12 | 9  | "6594150"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/19 16:38 |
| S13 | 1  | "20020124114"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/19 16:40 |
| S14 | 1  | "20020120741"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/30 18:28 |
| S15 | 1  | "20020107990"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/19 16:41 |
| S16 | 1  | "6782531"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/19 16:42 |
| S17 | 1  | "6745286"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/19 16:43 |
| S18 | 3  | "6721794"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/19 16:43 |
| S19 | 6  | "6560606"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/19 16:44 |
| S20 | 6  | "6556438"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/19 16:46 |
| S21 | 8  | "6505254"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/19 16:47 |

## EAST Search History

|     |       |                     |                                 |    |    |                  |
|-----|-------|---------------------|---------------------------------|----|----|------------------|
| S22 | 13    | "6452809"           | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/09/19 16:50 |
| S23 | 5     | "6247078"           | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/09/19 16:51 |
| S24 | 26    | "5655120"           | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/09/19 16:52 |
| S25 | 220   | "5557032"           | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/09/19 17:47 |
| S26 | 756   | 361/724.ccls.       | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/09/19 18:40 |
| S27 | 601   | 361/725.ccls.       | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/09/19 18:51 |
| S28 | 447   | 361/726.ccls.       | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/09/19 19:27 |
| S29 | 677   | 361/727.ccls.       | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/09/19 19:45 |
| S30 | 22331 | computer adj server | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/09/19 19:45 |
| S31 | 1052  | 370/351.ccls.       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/19 20:12 |
| S32 | 1     | "5684671".pn.       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 11:20 |
| S33 | 0     | "10653029"          | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 11:19 |
| S34 | 2     | "6778386"           | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 12:47 |
| S35 | 1     | "5684671".pn.       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 12:49 |
| S36 | 1     | "5822184".pn.       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 12:49 |

## EAST Search History

|     |         |               |                                 |    |    |                  |
|-----|---------|---------------|---------------------------------|----|----|------------------|
| S37 | 1       | "5871804".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 12:50 |
| S38 | 1       | "5971804".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 12:52 |
| S39 | 1       | "6018456".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 12:53 |
| S40 | 1       | "6259605".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 12:54 |
| S41 | 1       | "6297962".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 12:56 |
| S42 | 1       | "6411506".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 13:00 |
| S43 | 1       | "6483709".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 13:01 |
| S44 | 1       | "6498723".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 13:03 |
| S45 | 1       | "6574100".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 13:04 |
| S46 | 1       | "6906925".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 13:05 |
| S47 | 1       | "6909611".pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 13:43 |
| S48 | 237446  | server\$1     | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 13:43 |
| S49 | 1426679 | switch\$2     | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 13:43 |
| S50 | 70735   | S48 and S49   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 13:44 |
| S51 | 639668  | processor\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 13:44 |

## EAST Search History

|     |        |  |                                 |    |    |                  |
|-----|--------|--|---------------------------------|----|----|------------------|
| S52 | 45334  | S50 and S51  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 13:44 |
| S53 | 63474  | stack\$s   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 13:45 |
| S54 | 2466   | S52 and S53  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 14:50 |
| S55 | 169358 | rack\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 13:46 |
| S56 | 340    | S54 and S55  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 13:46 |
| S57 | 1      | "5684671".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/20 14:50 |
| S58 | 5      | ("4728160"   "5227957"  <br>"5417012"   "5460441"  <br>"5544008").PN.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/09/20 14:52 |
| S59 | 1      | "6411506".pn.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/09/20 14:52 |
| S60 | 18     | ("4511950"   "4918572"  <br>"5031075"   "5051096"   "5317477"<br>  "5579204"   "5603044"  <br>"5682298"   "5793610"   "6046912"<br>  "6163464"   "6175490"  <br>"6208522"   "6260155"   "6313988"<br>  "6314501"   "6324062"  <br>"6325636").PN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/09/20 14:55 |
| S61 | 1      | "5971804".pn.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/09/20 14:56 |
| S62 | 3      | ("5351019"   "5546378"  <br>"5676553").PN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/09/20 15:29 |
| S63 | 0      | "10399915"   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/09/20 15:29 |
| S64 | 6      | "6538899"  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/11/30 18:03 |

## EAST Search History

|     |    |   |                                 |    |     |                  |
|-----|----|---|---------------------------------|----|-----|------------------|
| S65 | 10 | ((("6538899") or ("6903939") or ("20020018339") or ("6163464") or ("20020181215") or ("20020181217") or ("6392142") or ("4237546") or ("4838798") or ("5352123") or ("5296748") or ("6690584") or ("6528737"))).PN. | USPAT;<br>USOCR                 | OR | OFF | 2005/11/30 16:41 |
| S66 | 11 | ("20020181215"   "20030100198"   "4647123"   "5296748"   "5448699"   "5887158"   "6163464"   "6528737"   "6538899"   "6608762"   "6711028").PN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON  | 2005/11/30 16:42 |
| S67 | 11 | ("5122691"   "5211565"   "5335146"   "5341509"   "5352123"   "5519584"   "5733137"   "5795177").PN. OR ("6690584").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON  | 2005/11/30 16:43 |
| S68 | 13 | ("4472765"   "4838798"   "5296748"   "5429521"   "5887158"   "6006980"   "6163464"   "6392142").PN. OR ("6538899").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON  | 2005/11/30 16:45 |
| S69 | 11 | ("5455742"   "5887158"   "5949656"   "6058019"   "6328572"   "6335867").PN. OR ("6528737").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON  | 2005/11/30 16:46 |
| S70 | 0  | 2005/0063354  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2005/11/30 18:03 |

## EAST Search History

|     |   |  |                 |    |     |                  |
|-----|---|--|-----------------|----|-----|------------------|
| S71 | 0 | (("152442652048071527201") or ("456811752511491809550") or ("570944652612754864226") or ("579032252705225284108") or ("523675952823825304785") or ("563780552931155485693") or ("571074353396865486911") or ("580695053452415493229") or ("590352053539535572117") or ("591559153767835596311") or ("596634554225655630954") or ("631215254110495644090") or ("431365754970925648789") or ("455517055073785663650") or ("565250855129415760931") or ("421981655193875994908") or ("425114655235596089261") or ("410452255402316109192") or ("414499055578681290678") or ("483125855707711110919") or ("519516755941671431966") or ("578967256271621494851") or ("406415656305284806960") or ("431075156789214971125") or ("133191556891215204658") or ("434319157328125274321") or ("136201857177005867103") or ("137849257775624290686") or ("410982758050831299162") or ("112111758091854457612") or ("112197758771291519685") or ("114827659330044547773") or ("145332560325414560261") or ("149295860357254999011") or ("151321160812054999012") or ("151601161091185268782") or ("160221161091115392110") or ("176033161778845545280") or ("178725361946715574583") or ("481700262308686027220") or ("483186662497786064453") or ("483345562704556151097") or ("183885662750226166797") or ("481816463073326657712") or ("490199566142194759216") or ("490880655065954253011") or ("495655142801794262287") or ("502538343885584286210") or ("519304744020481301507") or ("519809344733074350901")).PN. | USPAT;<br>USOCR | OR | OFF | 2005/11/30 18:28 |
|-----|---|--|-----------------|----|-----|------------------|

## EAST Search History

|     |    |  |                              |    |     |                  |
|-----|----|--|------------------------------|----|-----|------------------|
| S72 | 65 | (("1524426") or ("4568117") or ("5709446") or ("5790322") or ("5236759") or ("5637805") or ("5710743") or ("5806950") or ("5903520") or ("5915591") or ("5966345") or ("6312152") or ("4313657") or ("4555170") or ("5652508") or ("4219816") or ("4251146") or ("4104522") or ("4144990") or ("4831258") or ("5195167") or ("5789672") or ("4064156") or ("4310751") or ("1331915") or ("4343191") or ("1362018") or ("1378492") or ("4109827") or ("1121117") or ("1121977") or ("1148276") or ("1453325") or ("1492958") or ("1513211") or ("1516011") or ("1602211") or ("1760331") or ("1787253") or ("4817002") or ("4831866") or ("4833455") or ("1838856") or ("4818164") or ("4901995") or ("4908806") or ("4956551") or ("5025383") or ("5193047") or ("5198093")).PN. | USPAT;<br>USOCR              | OR | OFF | 2005/11/30 18:29 |
| S73 | 27 | ("3091918"   "3535870"   "3999372"   "4043117"   "4482258"   "4823928"   "4825425"   "4872149"   "4876540"   "4908617"   "4967895"   "5029094"   "5065156"   "5088073"   "5103957"   "5109972"   "5184707"   "5266947"   "5360095"   "5407049"   "5422624"   "5442348"   "5454461"   "5475373"   "5570771").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/11/30 19:48 |



## EAST Search History

|     |    |  |                 |    |     |                  |
|-----|----|--|-----------------|----|-----|------------------|
| S74 | 50 | ((("5204807") or ("5251149") or ("5261275") or ("5270522") or ("5282382") or ("5293115") or ("5339686") or ("5345241") or ("5353953") or ("5376783") or ("5422565") or ("5411049") or ("5497092") or ("5507378") or ("5512941") or ("5519387") or ("5523559") or ("5540231") or ("5557868") or ("5570771") or ("5594167") or ("5627162") or ("5630528") or ("5678921") or ("5689121") or ("5732812") or ("5717700") or ("5777562") or ("5805083") or ("5809185") or ("5877129") or ("5933004") or ("6032541") or ("6035725") or ("6081205") or ("6109118") or ("6109111") or ("6177884") or ("6194671") or ("6230868") or ("6249778") or ("6270455") or ("6275022") or ("6307332") or ("6614219") or ("5506595") or ("4280179") or ("4388558") or ("4402048") or ("4473307"))).PN. | USPAT;<br>USOCR | OR | OFF | 2005/11/30 19:55 |
| S75 | 58 | ((("1527201") or ("1809550") or ("4864226") or ("5284108") or ("5304785") or ("5485693") or ("5486911") or ("5493229") or ("5572117") or ("5596311") or ("5630954") or ("5644090") or ("5648789") or ("5663650") or ("5760931") or ("5994908") or ("6089261") or ("6109192") or ("1290678") or ("1110919") or ("1431966") or ("1494851") or ("4806960") or ("4971125") or ("5204658") or ("5274321") or ("5867103") or ("4290686") or ("1299162") or ("4457612") or ("1519685") or ("4547773") or ("4560261") or ("4999011") or ("4999012") or ("5268782") or ("5392110") or ("5545280") or ("5574583") or ("6027220") or ("6064453") or ("6151097") or ("6166797") or ("6657712") or ("4759216") or ("4253011") or ("4262287") or ("4286210") or ("4301507") or ("4350901"))).PN. | USPAT;<br>USOCR | OR | OFF | 2005/11/30 19:55 |